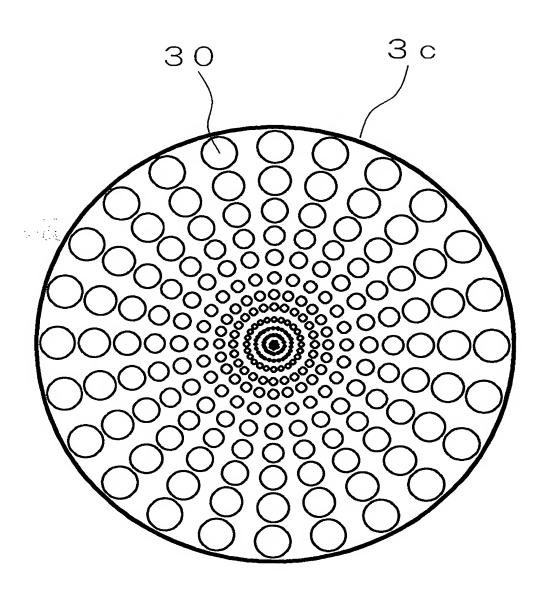


FIG. 1



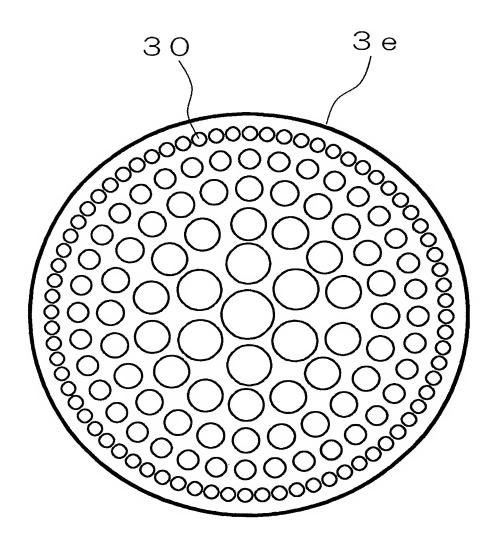


FIG. 3

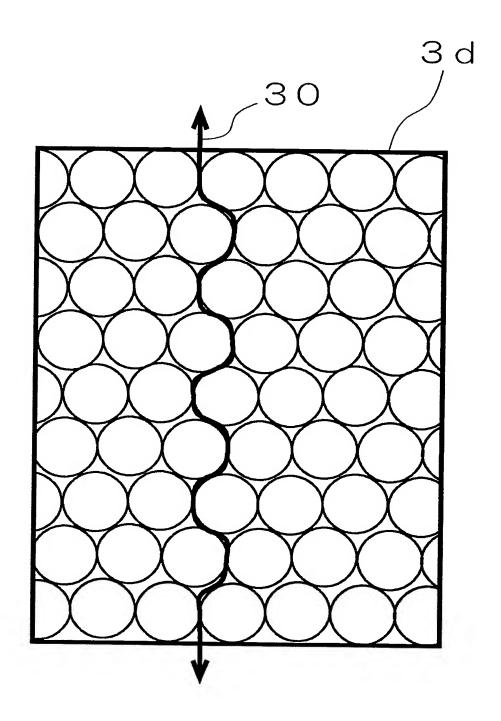


FIG. 4

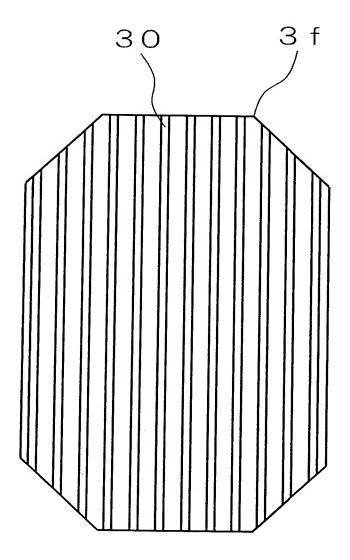


FIG. 5

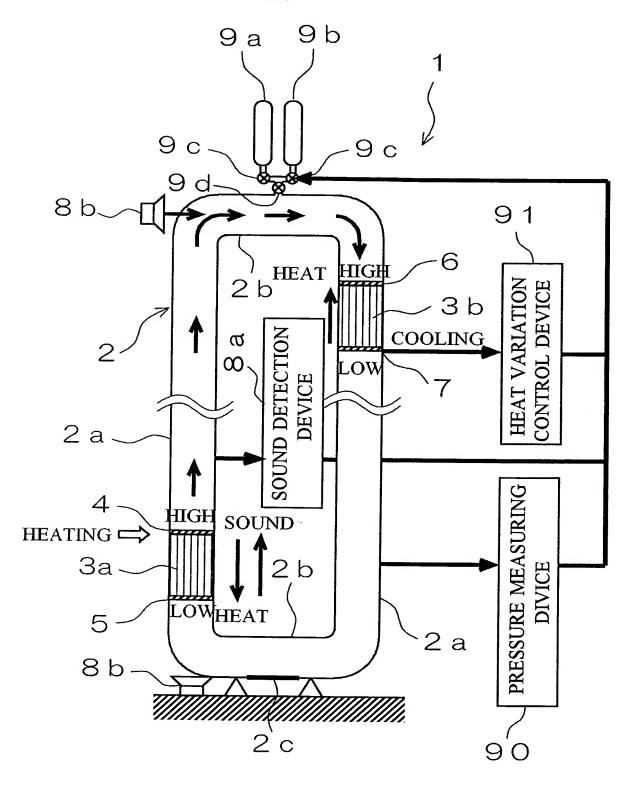


FIG. 6

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP Title: Thermoacoustic apparatus Inventor(s): Yoshiaki WATANABE et al. Attorney Docket: 063030 100 1 n 9 b 9_,a 8 b b **8** 9 с 6 9 с 3 b ⇒COOLING 2 ab 8 b 3 a 5 6 3 b 8 b 2 b 1 а 8 b 6. 3 b 2 a 2bHEATING 8 b 2 b За 2 c 8 b 2 c

FIG. 7

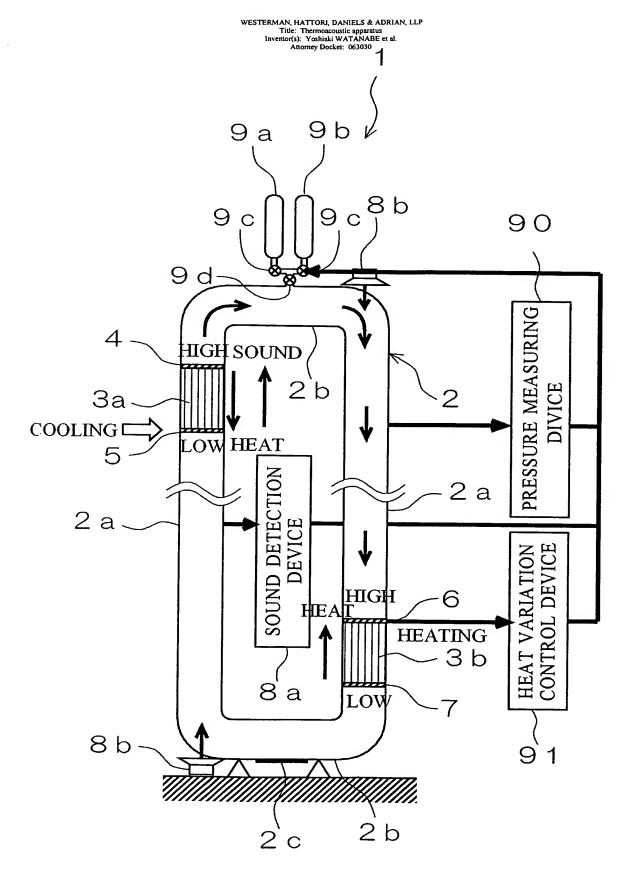


FIG. 8